



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

Februaury 7, 1997

CERTIFIED MAIL #P 875 705 069

Ron Damon, Manager
Poe Asphalt Paving, Incorporated
P.O. Box 449
Lewiston, Idaho 83501

RE: POE Asphalt Paving (Portable Hot Plant Madsen #1400) - #9501-008-2
Tier II Operating Permit (#777-00014)

Dear Mr. Damon:

On January 17, 1995, the Division of Environmental Quality (DEQ) received an application for a Tier II Operating Permit (OP). On December 4, 1995, the application was determined complete. On June 28, 1996, a proposed Tier II OP was issued for public comment. The public comment period was from July 11, 1996, through August 9, 1996. No comments were received.

Based on review of your application, state and federal rules and regulations, DEQ finds this project meets the Provisions of IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Therefore, enclosed is your Tier II Operating Permit (#777-00014) for the emission sources that exist at the facility.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Martin Bauer, Chief, Air Quality Permitting Bureau, at (208) 373-0502.

Sincerely,

Orville D. Green
Assistant Administrator
Air & Hazardous Waste

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Enclosure

cc: G. Burr, Coeur d'Alene Regional Office
Source File
COF

<p style="text-align: center;">STATE OF IDAHO AIR POLLUTION OPERATING PERMIT</p> <p style="text-align: center;">GENERAL INFORMATION</p>	<p>PERMIT NUMBER</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">7</div> <div style="margin: 0 5px;">-</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 2px;">4</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> <p>AQCR</p> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div> </div> <div style="text-align: center;"> <p>CLASS</p> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 auto;">A 2</div> </div> <div style="text-align: center;"> <p>SIC</p> <div style="border: 1px solid black; padding: 2px 5px; margin: 0 auto;">2 9 5 1</div> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;"> <p>ZONE</p> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div> </div> <div style="text-align: center;"> <p>UTM COORDINATE (km)</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 2px;"></div> </div> </div> </div>	
<p>1. PERMITTEE POE Asphalt Paving, Inc. Madsen Hot Plant #1400</p>		
<p>2. PROJECT Tier II Operating Permit</p>		
<p>3. ADDRESS P.O. BOX 449</p>	<p>TELEPHONE # (509) 758-5561</p>	<p>COUNTY Idaho</p>
<p>4. CITY Lewiston</p>	<p>STATE Idaho</p>	<p>ZIP CODE 83501</p>
<p>5. PERSON TO CONTACT Ron Damon</p>	<p>TITLE Manager</p>	
<p>6. EXACT PLANT LOCATION Portable, currently located at Grangeville, Idaho. NW1/4, Sec. 19, T.30N., R.3E.</p>		
<p>7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS Hot-Mix Asphalt Production</p>		
<p>8. GENERAL CONDITIONS</p> <p style="margin-top: 10px;">This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p style="margin-top: 10px;">THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED WITH ITS APPLICATION CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEPARTMENT OF HEALTH AND WELFARE, DIVISION OF ENVIRONMENTAL QUALITY (DEQ) REVIEW IN ACCORDANCE WITH Section 16.01.01.200 OF THE Rules for the Control of Air Pollution in Idaho.</p>		
<p style="text-align: center;"><i>Shirley D. Gao</i></p> <p>ASSISTANT ADMINISTRATOR DIVISION OF ENVIRONMENTAL QUALITY</p>		<p>ISSUED <u>FEBRUARY 7, 1997</u> Date</p> <p>EXPIRES <u>FEBRUARY 7, 2002</u> Date</p>

AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

Permittee AND LOCATION

POE Asphalt Paving, Incorporated
 Tier II Operating Permit
 Lewiston, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Hot-Mix Asphalt Plant, Portable Hot Plant Madsen #1400

1. EMISSION LIMITS

- 1.1 PM-10 emissions from the pre-dryer material handling and baghouse stack, and SO_x emissions from baghouse stack shall not exceed any emission limits listed in Appendix A.

1.2 Fugitive Emissions

Fugitive emissions generated from solid material transport, handling, and storage operations; traffic on haul roads; traffic areas; and all other sources of fugitive emissions such as stockpiling, screen changing and general maintenance shall be reasonably controlled in accordance with IDAPA 16.01.01.650 and IDAPA 16.01.01.805 (Rules for the Control of Air Pollution in Idaho).

Some of the reasonable precautions may include, but are not limited to, the following:

- 1.2.1 Use of water or chemicals;
- 1.2.2 Application of dust suppressants;
- 1.2.3 Use of control equipment;
- 1.2.4 Covering of trucks;
- 1.2.5 Paving; and
- 1.2.6 Prompt removal of earth or other stored material from streets, where practical.

1.3 Visible Emissions

The facility shall not discharge any air pollutant into the atmosphere from any point of emission for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period which is greater than twenty percent (20%) opacity as determined by procedures contained in the "Procedures Manual for Air Pollution Control". Section II (Evaluation of Visible Emissions Manual), per IDAPA 16.01.01.625.

2. OPERATING REQUIREMENTS

2.1 Operating Requirements

- 2.1.1 The portable hot plant shall be operated in areas designated as attainment or unclassifiable for PM-10. The Permittee must obtain DEQ approval prior to moving the facility into any PM-10 non-attainment area within the State of Idaho.
- 2.1.2 All equipment, including the control equipment, shall be operated and maintained in accordance with manufacturer's recommendations and specifications.
- 2.1.3 The total production rate of asphaltic concrete shall not exceed 700,800 tons per year (ton/yr).
- 2.1.4 The total fuel usage shall not exceed 3,568,355 gallons per year (gal/yr) for the entire facility.

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777 - 00014

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Hot-Mix Asphalt Plant, Portable Hot Plant Madsen #1400

2.1.5 The sulfur fuel content shall not exceed 0.3 percent (0.3%) by weight for #1 fuel oil or 0.5 percent (0.5%) by weight for #2 fuel oil as required by IDAPA 16.01.01.728. The dryer burner shall use #1 or #2 oil exclusively.

2.1.6 Emissions from drum dryer, pug mill screens, post-dryer aggregates transport, handling, and storage, and pug mill shall be controlled by a cyclone as a primary control device and a baghouse in series as a secondary control device.

Pressure drop across the cyclone and the baghouse shall be within the range of five (5) to seven (7) inches of water (" H₂O gauge).

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Product Throughput

The Permittee shall monitor and record the annual product rate of hot mix asphalt to demonstrate compliance with Section 2.1.3 of this permit. The annual production, in tons per year (ton/yr), shall be based on a rolling annual summation. The data shall be recorded in a log kept at the facility for the most recent two (2) year period. The log shall be made available to DEQ representatives upon request.

3.2 Fuel Usage

The Permittee shall monitor and record the total annual #1 or #2 fuel oil consumption for the entire facility to demonstrate compliance with Section 2.1.4 of this permit. The annual consumption in gallons per year (gal/yr) shall be based on a rolling annual summation. The data shall be recorded in a log kept at the facility for the most recent two (2) year period. The log shall be made available to DEQ representatives upon request.

3.3 Cyclone and Baghouse

3.3.1 Within three (3) months from issuance of this permit, the Permittee shall install, calibrate, maintain, and operate measuring equipment to measure the pressure drop across the cyclone and the baghouse to determine compliance with Section 2.1.6 of this permit.

3.3.2 The Permittee shall monitor and record the pressure drop across the cyclone and the baghouse on a daily basis during operation. The operation and maintenance manual shall be kept on site. The data shall be recorded in a log kept at the facility for the most recent two (2) year period. The log shall be made available to DEQ representatives upon request.

3.4 Fugitive Control Monitoring

The Permittee shall monitor and record in a log, during operation, the periodic method(s) used to reasonably control emissions from all sources listed in Section 1.2 of this permit. The log shall include the type of control used (i.e., water, chemical dust suppressants, etc.) as well as the circumstances under which no control is utilized. The data shall be recorded in a log kept at the facility for the most recent two (2) year period. The log shall be made available to DEQ representatives upon request.

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SOURCE

Hot-Mix Asphalt Plant, Portable Hot Plant Madsen #1400

4. REPORTING REQUIREMENTS

4.1 Registration Requirements

All existing portable equipment shall be registered at least ten (10) days prior to relocating, using forms provided by the DEQ, per IDAPA 16.01.01.500. The following information shall be provided:

4.1.1 Exact location of the new site of operations;

4.1.2 Start-up date at the new site of operations and the duration of operations at the new site;

4.1.3 A scaled plot plan clearly showing the property boundary of the new site; and

4.1.4 Equipment to be used at the new location.

4.2 Exceedance Reporting of Operational Parameters

The Permittee shall submit a written report to the DEQ of any exceedance of the parameters specified in Sections 1 and 2 of this permit. The report must be postmarked within fifteen (15) days of the occurrence of the exceedance(s), per IDAPA 16.01.01.135.

4.3 Certification of Documents

All documents, including, but not limited to, progress reports, records, monitoring data, supporting information requests for confidential treatment, testing reports or compliance certifications shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information provide the signature and title of the responsible official and the date of the signature.

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APPENDIX A

POE ASPHALT PAVING, INC. - PORTABLE HOT PLANT MADSEN #1400

Emission Limits^a - Hourly (lb/hr) and Annual^b (T/yr)

Source Description	PM-10		SO ₂	
	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)
Pre-Dryer Material Handling	0.24	1.04	---	---
Baghouse Stack	4.44	19.43	21.69	95.01

- a As determined by a pollutant specific U.S. EPA reference method, or DEQ approved alternative, or as determined by DEQ's emission estimation methods in this permit application.
- b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate, or by the actual annual production rates.

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OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by the DEQ. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.

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- I. Performance tests (i.e.; air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with the DEQ's Procedures Manual for Air Pollution Control. Such testing shall not be conducted on weekends or state holidays unless the Permittee obtains prior DEQ approval.

The Permittee shall submit a test protocol and a proposed test date for each performance test required by this permit to the DEQ for approval at least thirty (30) days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The Permittee shall promptly notify the DEQ of any change in the proposed test date and shall provide at least five (5) working days advanced notice prior to conducting any rescheduled test, unless the DEQ approves a shorter notice period.

Within forty-five (45) days of the date on which a performance test required by this permit is concluded, the Permittee shall submit to the DEQ a performance test report for the respective test. The performance test report shall include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120% of the average operating rate attained during the most recent performance test conducted pursuant to this permit which demonstrated compliance with the respective pollutant emission limit unless; (1) a more restrictive operating limit is specified elsewhere in this permit or; (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

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